McAfee Enterprise Mobility Management Platform

Secure, easy, and scalable enterprise mobility

As the world's largest dedicated security company, McAfee extends its mobile phone security portfolio with data and device protection for today's most popular smartphone operating systems and device types, including Apple iPhone and Android. The award-winning McAfee® Enterprise Mobility Management (McAfee EMM®) solution helps enterprises offer their employees mobile device choice and ownership while delivering secure and easy access to corporate applications in a scalable manner.

Enterprise mobility management is key to an organization's mobility strategy, particularly with smartphone and tablet capabilities delivering advanced, PC-like computing performance to users. With support for popular mobile devices, McAfee provides a complete security solution that embraces mobile device diversity for meeting the specialized needs of users without sacrificing security and control.

Key Advantages

Provides device choice

- Provides security and management support for Apple iPhone/iPad/iTouch, Google Android, Microsoft Windows Mobile, Symbian, and webOS smartphones and mobile devices
- Enables the use of personal smartphones and mobile devices for enterprise applications

Reduces risk

- Protects sensitive corporate data on mobile devices with policy-based security functionality
- Blocks modified mobile devices like iPhones and iPads
- Monitors and prevents unauthorized mobile devices from accessing the corporate network
- Enables regulatory compliance and IT audits

Lowers total cost of ownership

- Manage and control smartphones or mobile devices over the air (OTA) from a centralized console
- Automates mobile device lifecycle management, including user self-service functions
- Leverages existing IT infrastructure, resources, and tools with web services interfaces
- Simplifies user support with help desk reports and real-time view of the device

Figure 1. The McAfee EMM Console.

McAfee EMM empowers enterprise mobility 2.0 by making it secure, easy, and scalable. It makes enterprise mobility secure by configuring mobile devices in accordance with security policies. It makes enterprise mobility easy by automating the configuration and connectivity of WiFi, VPN, and native email sync and delivers personalization to optimize end-user productivity. McAfee EMM is a scalable architecture that can manage thousands of mobile users.

The McAfee EMM solution helps enterprise IT control mobile device costs while also protecting corporate information. Centralized management eliminates operational expense by simplifying how IT administrators and help desk specialists implement policies, assist users, and enforce compliance for mobile applications across the enterprise. In addition, its unique software-overlay architecture eliminates data center expense by easily integrating with existing directory services, database resources, and VPN infrastructure.

The McAfee EMM solution minimizes corporate and personal liability risks with end-to-end security. The McAfee EMM Device Agent provides data protection, endpoint security, and over-the-air management while delivering the transparency users demand. The McAfee EMM solution secures enterprise application servers by blocking unsecured mobile devices from accessing the applications before they enter the corporate network while also reporting on compliance status. All of this reporting is controlled from a centralized console. Designed with the IT security administrator in mind, this web-based console enables simple and quick implementation of security policies that are enforced by the McAfee EMM Device Agents and the McAfee EMM Audit and Compliance Service.

Simplifying Enterprise Mobility Management

The easy-to-use, web-based console centralizes management and provides visibility into various mobile assets in the enterprise, while the McAfee EMM Device Agent enforces transparent on-device security and controls access to the corporate network.

The McAfee EMM solution ensures the success of your enterprise deployment by focusing on lifecycle tasks that include:

- *Management*—Track and manage the mobile device lifecycle
- *Provisioning*—Deploy and decommission smartphones and tablets

Feature Overview

McAfee EMM Console

- Web-based user interface for administrators and help desk tasks
- Role-based access for network administrators and help desk personnel; Microsoft Active Directory login integration
- Help desk for decommissioning, remote unlock, and remote wipe
- Reports about device inventory, audit logs, and more
- Software package distribution (SPD) enables OTA delivery of software to smartphones targeted by carrier, user, group, OS, device model, device ID, phone number, or other criteria

McAfee EMM Device Management Gateway

- Enables OTA provisioning for users and reduces IT workload
- Allows real-time device access and provides asset information
- Reports mobile device information, including audit logs, pending actions, and device health

McAfee EMM Audit and Compliance Service

- Visualize mobile assets
- Identify and block rogue devices before they enter the corporate network
- Silent OTA remediation
- Report compliance status and Exchange ActiveSync activity

McAfee EMM Self-Service Portal

- Manages user-initiated requests while allowing users to perform basic help desk services, such as enterprise device activation, unlocking their device, and device wipe
- Secure user access from any web browser using corporate credentials

McAfee EMM Device Agents

- Password authentication and remote wipe function
- Leverage native device encryption
- Access to encrypted data by patent-pending "Trusted Applications" that controls information flow and prevent data leakage
- Support for WiFi and VPN configuration/management
- Block resources/apps like WiFi, Blue-tooth, Infrared, camera, short messaging service (SMS)/multimedia messaging service (MMS), and more
- Control device software image by restricting app installs

- *Security*—Transparently secure smartphones and mobile devices, their corporate data, and the IT network they access
- *Support*—Minimize IT support costs and maximize user productivity
- *Audit*—Support enterprise IT and policy compliance reporting requirements

Only McAfee provides the security, management, and control you need—and the transparency your users demand.

Technical Specifications

The following table offers general guidelines for deploying the McAfee EMM solution. For specific server configuration and device support, please contact a McAfee sales representative.

McAfee EMM	Description	Features	Requirements
McAfee EMM Server Components	Administrative components used to create and manage policies, users, applications, and devices	• McAfee EMM Console • McAfee EMM Audit and Compliance Service • McAfee EMM Device Management Gateway • McAfee EMM Self-Service Portal • Optional tool	• Microsoft Windows 2008/2003 SP1 Server with IIS 6.0 (1 GB RAM, 1 GB free space) • SQL 2008/2005 (40 MB initial size of DB plus 2 MB/user/year)
McAfee EMM Device Agents	Device components used to enforce policies and manage devices	**Security Features:** • Authentication controls • Encryption and data protection controls • Application controls • Resource controls **Management Features:** • Over-the-air (OTA) software and policy distribution • Data collection and logging	**Supported Software Platforms:** • Apple iPhone 3.x, 4.0 • Palm 5.4 webOS • Microsoft Windows Mobile 5, 6.x • Android

The McAfee EMM solution simplifies mobile networking. Our approach blends mobile device management with policy-managed endpoint security, network access control, and compliance reporting features in a seamless system. This platform integrates smartphones, PDAs, and tablets into enterprise networks with the same level of security protections and scale enjoyed by laptops and desktops.

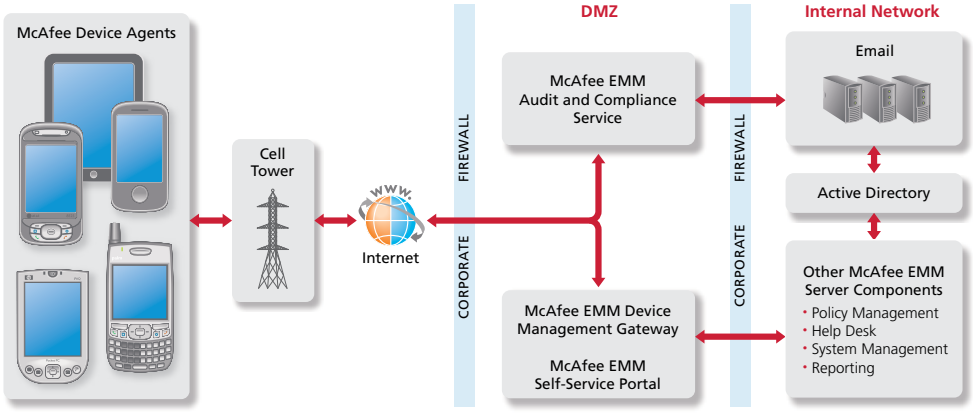

Figure 2. McAfee EMM architecture.

For more information, please visit our website, www.mcafee.com.

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